

HYLOAD
Structural Waterproofing

HYLOAD TRADE

HIGH PERFORMANCE DPC



DESCRIPTION

Hyload Trade is a polymeric DPC material suitable for use as a DPC and cavity tray system for all types of construction including house building, commercial, industrial and multi storey.

Hyload Trade DPC uses the same proven technology as used with Hyload Original DPC, which was the first system of its kind in the UK and was awarded the first ever Agrément Certificate in 1967. Hyload Trade has been awarded Agrément Certificate No. 95/3133.

BENEFITS

- Suitable for use as a gas resistant DPC and cavity tray system in all types of building construction
- Low permeability to hazardous ground gases such as radon, carbon dioxide and methane
- Part of the IKO hazardous ground gas protection system conforming to the requirements of CIRIA C665, NHBC and BS 8485
- Complete range of system components including jointing tape and surfacing fixing system
- Hyload Preformed Cloak Units for awkward or complex junctions
- Dedicated on-site technical support
- BBA certification and CE marking to EN 13969:2004
- Manufactured in the UK under the quality assurance scheme BS ISO 9001:2008 and ISO 14001 Environmental Management System



TYPICAL PERFORMANCE

ESSENTIAL CHARACTERISTIC	PERFORMANCE	HARMONISED TECHNICAL SPECIFICATION
Watertightness	2kPa for 24 hrs	EN 1928
Maximum Tensile Force	≥ 3Mpa	EN 12311-1
Elongation	≥ 110%	EN 12311-1
Resistance To Static Loading	20kg (Concrete) / 5kg (EPS)	EN 12730 (B)
Resistance To Impact	500mm (Aluminium) / 150mm (EPS)	EN 12691
Resistance To Tearing	Long ≥ 8.63N/mm	EN 12310-1
Flexibility At Low Temperature	≥ -15	EN 1109

Note: Figures shown are typical test method results and should not be used for specifying purposes

STANDARD WIDTHS

Roll Width (mm)	100	112.5	150	225	450	600	750	1000
m ² /roll	2.00	2.25	3.00	4.50	9.00	12.00	15.00	20.00

Non-standard widths are available to order in 25mm increments.

PRODUCT DETAILS

Nominal Weight	1.2kg/m ²
Nominal Thickness	0.9mm
Nominal Length	20m/roll



Manufactured in the UK at Clay Cross, Derbyshire.



THE COMPLETE DPC PROTECTION SYSTEM

Hyload Trade can be used with a full range of system components to help ensure compliance with Building Regulations and industry codes of practice.

● HYLOAD TRADE HIGH PERFORMANCE DPC

● Hyload Fixing Strip

- Flexible strip for securing DPC that has been bonded to vertical surfaces
- 2m lengths

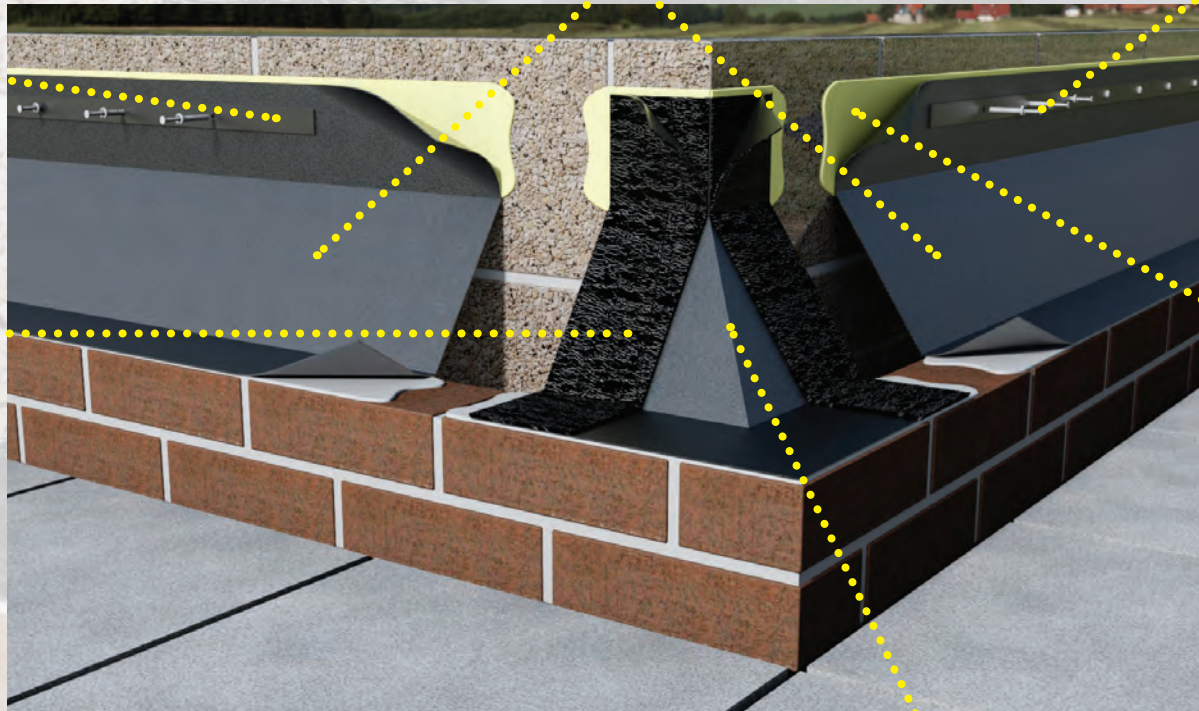
● Hyload DPC Jointing Tape

- Double sided jointing tape for bonding lap joints
- 100mm x 10m roll

Alternatively the following can be used:

● Hyload Lap Adhesive

- Contact adhesive for bonding lap joints
- 500ml tin



● Hyload Fixing Pins

- Fixings for securing DPC that has been bonded to vertical surfaces.
- Options for insulation and masonry

● Hyload DPC Mastix

- Adhesive for bonding DPC to common building materials
- 400ml cartridge or 2.5L tin

● Hyload Preformed Cloak Units

- Range of manufactured shapes designed for awkward or complex junctions e.g. cavity tray junctions with steel columns, gas DPC internal and external corners, etc

APPLICATION

Installation must follow normal good practice for the detailing of damp and gas proof courses, as set out in the relevant clauses of British Standard codes of practice and Published Documents, and must be in accordance with IKO instructions.

Key installation practices are as follows:

The DPC must extend through the full thickness of the wall or wall leaf, including pointing, applied rendering or other facing material and either project beyond the external face or be laid flush with the external face.

The DPC must be sandwiched between even beds of wet mortar. Perforations in adjacent courses of brickwork must be completely filled with mortar.

All lap joints in the DPC must have 100mm overlap and be completely bonded using Hyload DPC Jointing Tape or Hyload Lap Adhesive.

To ensure damp or gas proofing integrity and to reduce site operation to simple jointing only, Hyload Preformed Cloak Units must be used at awkward or complex junctions.



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SURFACE FIXING

Hyload DPC Mastic, Hyload Fixing Strip and Hyload Fixing Pins should be used when the construction programme or the design requires the DPC to be post or surface fixed to the cavity face of the inner leaf. In normal circumstance the substrate does not require priming. The DPC is bonded to the vertical face of the substrate with 100mm wide band of Hyload Mastic. The DPC is then permanently secured using Hyload Fixing Strip and Hyload Fixing Pins positioned at 150mm intervals. Hyload Fixing Pins for Masonry can be used for securing to solid substrates such as blockwork or concrete whereas the rigid urethane foam insulation of composite inner leafs require Hyload Fixing Pins for Insulation.

OTHER PRODUCTS

Full product literature, health & safety and technical datasheets are available as downloads from our website:

www.ikogroup.co.uk

or on request by email:

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